BRUHATH BENGALURU MAHANAGARA PALIKE

EMB

Second and Final

Name of Work: Improvements to Roads Drains and Other Maintenance Behind "KSCMF" Building and Surrounding area in ward no 14 Bagalagunte

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Name of work :- Improvements to Roads and drains and other maintanance behind KSCMF Building and sorrounding Area in ward No 14 Bagalagunte

tem No	Pre measurement recorded on: / Discription of Item	No	Length	Breadth	Depth	Qty	Unit
1	Dismantling of existing structures like Culverts bridges retaining walls and other structure comprising of machinary cement concrete wood work steel work including T & P and scaffolding where ever necessary stacking the dismantled material disposal of unservecable material and stacking the servesable material with all lifts complete as per specification						
	Manjunatha nagara						
	Culverts						
	For Culverts						
	Culvert 1	1	6.15	1.50	0.20	1.85	
	Culvert 2	1	5.40	1.50	0.20	1.62	
	Culvert 3	1	5.20	1.50	0.20	1.56	
	Culvert 4	1	4.50	1.50	0.20	1.35	
	Culvert 5	1	6.50	1.50	0.20	1.95	
	Culvert 6	1	6.15	1.50	0.20	1.85	
	Culvert 7	1	4.40	1.50	0.20	1.32	
	Culvert 8	1	7.60	1.50	0.20	2.28	
	Culvert 9	1	5.50	1.50	0.20	1.65	
	Culvert 10	1	4.50	1.50	0.20	1.35	
	CC Road						
	6 th Main Road						
	Cross Road 1 LHS	1	23.10	5.65	0.10	13.05	
	Cross Road 2 LHS	1	23.40	7.00	0.10	16.38	
	Cross Road 3 LHS	1	20.70	4.60	0.10	9.52	
	Manjunatha nagara Colony	1	32.00	2.75	0.10	8.80	
	10 th A Cross	1	37.00	2.25	0.10	8.33	
		1	12.20	3.25	0.20	0.00	
	1 st Cross near SWD	1	9.80	1.20	0.20	2.35	
	Rama mandira Road	1	37.00	4.10	0.20	30.34	
		1	37.00	4.10	0.20	30.34	
						135.88	Cum
				Payable Quantity		135.88	Cum

28/01/2022

Assistant Engineer
Ward NO-14
BBMP Bangalore

28/01/22

Asst. Executive Engineer,
Dasarahalli Sub division
BBMP Bangalore

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಕಛೇರಿ ದಾಸರಹಳ್ಳಿ ಉಪವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ, ಬಿ.ಬಿ.ಎಂ.ಪಿ
ಬೆಂಗಳೂರು-560073

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Name of work :- Improvements to Roads and drains and other maintanance behind KSCMF Building and sorrounding Area in ward No 14 Bagalagunte

Pre measurement recorded on:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
2	Earth work excavation by manual means for roads , drains & similar works in ordinary soil involving ,excavated surface levelled &neatly dressed , the disposed earth to be levelled after breaking of clods complete as per specifications.						
	Manjunatha nagara						
	2 nd and Final Bill						
	For Culverts						
	Culvert 1	1	6.15	1.50	1.00	9.23	
	Culvert 2	1	5.40	1.50	1.00	8.10	
	Culvert 3	1	5.20	1.50	1.00	7.80	
	Culvert 4	1	4.50	1.50	1.00	6.75	
	Culvert 5	1	6.50	1.50	1.00	9.75	
	Culvert 6	1	6.15	1.50	1.00	9.23	
	Culvert 7	1	6.70	1.50	1.00	10.05	
	Culvert 8	1	7.60	1.50	1.00	11.40	
	Culvert 9	1	5.50	1.50	1.00	8.25	
	Culvert 10	1	4.50	1.50	1.00	6.75	
	Rising of drain @ main Road	1	17.00	0.60	0.45	4.59	
	For Desilting of drain						
3rd Main	RHS	1	21.00	0.60	0.55	6.93	
	5 th Cross	2	35.00	0.60	0.55	23.10	
	5 th Main RHS	2	120.00	0.60	0.60	86.40	
	Near Govt School	1	16.70	0.75	0.50	6.26	
	Main Road corner of Govt School Road	1	15.00	0.75	0.50	5.63	
	5 th Main Corner	1	17.00	0.75	0.60	7.65	
2 nd Cross from Manjunatha nagara main Road		2	187.00	0.60	0.60	134.64	
	Anand House Road	2	90.00	0.60	0.50	54.00	
	4 th main	1	30.00	0.60	0.50	9.00	
	6 th main LHS	1	120.00	0.60	0.50	36.00	
Cross Roads 4 th and 5 th main		2	30.00	0.60	0.50	18.00	
		2	27.00	0.60	0.50	16.20	
Levelling and lowering the Ground for CC Road							
6 th Main Road		1	30.00	4.15	0.30	37.35	
		1	30.00	4.20	0.30	37.80	
		1	30.00	4.20	0.30	37.80	
		1	18.00	4.20	0.30	22.68	
	Cross Road 1 LHS	1	23.10	5.65	0.30	39.15	
	Cross Road 2 LHS	1	23.40	7.10	0.30	49.84	
	Cross Road 3 LHS	1	20.70	4.60	0.30	28.57	
	Manjunatha nagara Colony	1	32.00	2.75	0.30	26.40	
	10 th A Cross	1	37.00	2.25	0.30	24.98	
	Cross Road From 3 rd Main	1	12.20	3.25	0.30	11.90	
	1 st Cross near SWD	1	9.80	1.70	0.30	5.00	
	Rama mandira Road	1	37.00	4.10	0.30	45.51	
		1	37.00	4.10	0.30	45.51	
	Anand house Road	1	30.00	2.30	0.30	20.70	
	For Rain water harvesting pits	7	0.79		1.80	9.89	
					Present Quantity	**938.77**	**Cum**

Assistant Engineer
Ward NO-14

03/02/22

Assistant Executive Engineer
Dasara halli Sub division

Scanned with CamScanner

Name of work :- Improvements to Roads and drains and other maintanance behind KSCMF Building and sorrounding Area in ward No 14 Bagalagunte

Item No	Pre measurement recorded on: / Discription of Item	No	Length	Breadth	Depth	Qty	Unit
3	Providing and laying in position plain cement concrete of mix 1;3;6 with opc cement @ 180kgs with 40 mm and down size grded granite metal course aggregates at 0.85 cum and fine aggregates at0.57 cum machine mixed concrete laid in layers not exceeding 15 cms thick well compected in foundation including cost of all materials ,labour ,HOM of machineries etc complete as per specifications.						
	Manjunatha nagara						
	2 nd and Final Bill						
	For Culverts						
	Culvert 1	1	6.15	1.50	0.15	1.38	
	Culvert 2	1	5.40	1.50	0.15	1.22	
	Culvert 3	1	5.20	1.50	0.15	1.17	
	Culvert 4	1	4.50	1.50	0.15	1.01	
	Culvert 5	1	6.50	1.50	0.15	1.46	
	Culvert 6	1	6.15	1.50	0.15	1.38	
	Culvert 7	1	6.70	1.50	0.15	1.51	
	Culvert 8	1	7.60	1.50	0.15	1.71	
	Culvert 9	1	5.50	1.50	0.15	1.24	
	Culvert 10	1	4.50	1.50	0.15	1.01	
	Corner of 5 th main	1	17.00	0.75	0.15	1.91	
	Near Govt School	1	6.00	0.60	0.15	0.54	
				Present Quantity		**15.55**	**Cum**
				Total Quantity			**Cum**

18/02/22

05/02/22 to 08/2/22

Assistant Engineer
Ward NO-14
BBMP Bangalore

Assistant Executive Engineer
Dasara halli Sub division
BBMP Bangalore

Scanned with CamScanner

Name of work :- Improvements to Roads and drains and other maintanance behind KSCMF Building and sorrounding Area in ward No 14 Bagalagunte

tem No	Pre measurement recorded on: / Discription of Item	No	Length	Breadth	Depth	Qty	Unit
4	KSRB 4.2.7: Providing and laying in position plain / reinforced cement concrete for side drains using M 20 nominal mix concrete with OPC cement @ 300 kgs, with 20mm and down size graded granite metal coarse aggregates @0.69 cum and fine aggregtes @ 0.43cum, machine mixed concrete well compacted for wall and bottom including centering and shuttering cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications.						
	2 nd and Final Bill						
	For Culverts						
	Raft						
	Culvert 1	1	6.15	1.40	0.15	1.29	
	Culvert 2	1	5.40	1.40	0.15	1.13	
	Culvert 3	1	5.20	1.40	0.15	1.09	
	Culvert 4	1	4.50	1.40	0.15	0.95	
	Culvert 5	1	6.50	1.40	0.15	1.37	
	Culvert 6	1	6.70	1.40	0.15	1.41	
	Culvert 7	1	4.40	1.40	0.15	0.92	
	Culvert 8	1	7.60	1.40	0.15	1.60	
	Culvert 9	1	5.50	1.40	0.15	1.16	
	Culvert 10	1	4.50	1.40	0.15	0.95	
	For Side walls						
	Culvert 1	1	6.15	0.40	0.58	1.43	
		1	5.20	0.30	0.58	0.90	
	Corners	1	0.50	0.30	0.58	0.09	
		1	0.30	0.30	0.58	0.05	
	Culvert 2	2	5.40	0.30	0.80	2.59	
	Culvert 3	1	5.20	0.30	0.55	0.86	
		1	4.25	0.40	0.55	0.94	
	Corners	1	1.50	0.30	0.58	0.26	
	Culvert 4	2	4.50	0.40	0.55	1.98	
	Culvert 5	1	6.50	0.32	0.53	1.10	
		1	5.10	0.32	0.53	0.86	
	Corners	1	0.60	0.35	0.53	0.11	
		1	0.80	0.30	0.53	0.13	
		1	0.60	0.15	0.53	0.05	
	Culvert 6	1	6.70	0.30	0.55	1.11	
		1	6.15	0.30	0.55	1.01	
	Culvert 7	2	4.40	0.30	0.60	1.58	
	Culvert 8	1	6.20	0.30	0.60	1.12	
		1	7.60	0.30	0.60	1.37	
	Corners	1	0.50	0.30	0.60	0.09	
	Culvert 9	2	5.50	0.30	0.60	1.98	
	Culvert 10	2	4.50	0.30	0.60	1.62	
	Rising of drain wall at corner of 5 th main	2	17.00	0.15	0.40	2.04	

16/02/22

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Near Govt School	2	16.70	0.15	0.50	2.51	
Corner of Govt School Road	2	15.00	0.15	0.30	1.35	
Ramp						
1 st Cross RHS	1	1.20	0.40	0.15	0.07	
	1	30.00	0.45	0.15	2.03	
	1	10.00	0.45	0.15	0.68	
LHS	1	30.00	0.50	0.15	2.25	
2nd Cross LHS	1	30.00	0.45	0.15	2.03	
	1	30.00	0.45	0.15	2.03	
	1	15.00	0.40	0.15	0.90	
	1	2.40	0.40	0.15	0.14	
RHS	1	9.40	0.45	0.15	0.63	
	1	15.00	0.50	0.15	1.13	
	1	4.00	0.45	0.15	0.27	
3rd Cross LHS	1	20.30	0.50	0.15	1.52	
	1	30.00	0.45	0.15	2.03	
	1	30.00	0.45	0.15	2.03	
	1	5.00	0.30	0.15	0.23	
	1	20.60	0.50	0.15	1.55	
			Present Quatity		58.47	Cum

8/2/22
11/2/22
14/2/22
16/2/22

Assistant Engineer
Ward NO-14
BBMP Bangalore

Asst. Executive Engineer
Dasarahalli Sub division
BBMP Bangalore

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಜಿ. ದಾಸರಹಳ್ಳಿ ಉಪ ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ, ಜಿ.ಬಿ.ಎಂ.ಪಿ
ಬೆಂಗಳೂರು 560073

N.V.R

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BHURAT BENGALURU MAHANAGAR PALIKE

DASARAHALLI DIVISION

Name of the work : Improvements to Roads Drains and Other Maintenance Behind "KSCMF" Building and Surrounding area in ward no 14 Bagalagunte

Pre-Measurement Sheet

Second and Final

em lo:	5
em me:	KSRRB M2200-6. Providing T.M.T. steel reinforcement for R.C.C. workincluding straightening, cutting, bending, hooking, placing in position,lapping and/or welding wherever required, tying with binding wire andanchoring to the adjoining members wherever necessary complete asper disign (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification.MORTH Specification No.1600 & 220 Item No 28.8.2

For Culverts

Pre measurement of Steel

No	Dia of Bar in mm	Side	Spacing of Bar	Nos	Length of Bar in mtr	Total Length of Bar in mtr	Type of Bar	Standard Weight per Meter in kgs	Weight of Steel in kgs	Remarks
				Culvert 1						
	10	2	150mm C/c	17	6.15	213.2	Distribution	0.62	132	
	12	2	100mm C/c	82	2.6	426.4	Main Bar	0.89	379	
				Culvert 2						
	10	2	150mm C/c	17	5.4	187.2	Distribution	0.62	116	
	12	2	100mm C/c	72	2.6	374.4	Main Bar	0.89	333	
				Culvert 3						
	10	2	150mm C/c	17	5.2	180.3	Distribution	0.62	112	
	12	2	100mm C/c	70	2.6	364.0	Main Bar	0.89	324	
				Culvert 4						
1	10	2	150mm C/c	17	4.5	156.0	Distribution	0.62	97	
2	12	2	100mm C/c	60	2.6	312.0	Main Bar	0.89	278	
				Culvert 5						
1	10	2	150mm C/c	17	6.5	225.3	Distribution	0.62	140	
2	12	2	100mm C/c	86	2.6	447.2	Main Bar	0.89	398	
				Culvert 6						
1	10	2	150mm C/c	17	6.7	232.3	Distribution	0.62	144	
2	12	2	100mm C/c	90	2.6	468.0	Main Bar	0.89	417	
				Culvert 7						
1	10	2	150mm C/c	17	4.4	149.6	Distribution	0.62	93	
2	12	2	100mm C/c	58	2.6	301.6	Main Bar	0.89	268	
				Culvert 8						
1	10	2	150mm C/c	17	7.6	258.4	Distribution	0.62	160	

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2	12	2	100mm C/c	102	2.6	530.4	Main Bar	0.89	472	
				Culvert 9						
1	10	2	150mm C/c	17	5.5	190.7	Distribution	0.62	118	
2	12	2	100mm C/c	74	2.6	384.8	Main Bar	0.89	342	
				Culvert 10						
1	10	2	150mm C/c	17	4.5	156.0	Distribution	0.62	97	
2	10	2	100mm C/c	74	2.6	384.8	Main Bar	0.62	239	
								Total Quantity of Steel in Kg's	4658.7	kgs
								Total Quantity of Steel in Tonne's	4.60	Tonnes

7/2/22 to 15/2/22

tant Enginee
ard No 14
IP-Bengaluru

Asst.Executive Engineer
Dasarahalli Sub Division
BBMP-Bengaluru

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಆ. ದಾಸರಹಳ್ಳಿ ಉಪ ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ. ಜಿ.ಜಿ.ಎಂ.ಪಿ
ಬೆಂಗಳೂರು-560073.

N. V.

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Name of work :- Improvements to Roads and drains and other maintanance behind KSCMF Building and sorrounding Area in ward No 14 Bagalagunte

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Pre measurement recorded on:						
6	Providing and fixing precast covering Slab made out of CC 1;2;4 10 cm thick and finishing cutting ,including form work ,curing ,including cost of materials ,labour ,hire charges of machinary ,loading un loading , lead and lift charges transportation charges etc complete as per specifications						
	2 nd and Final						
	Rising of drain wall at corner of 5 th	1	17.00	0.90		15.30	
	Near Govt School	1	16.70	1.20		20.04	
	Corner of Govt School Road	1	15.00	0.90		13.50	
	5 th main	1	15.00	0.90		13.50	
		1	15.00	0.90		13.50	
	Near Anand house	1	90.00	0.90		81.00	
	1 st cross from 5 th main LHS	8	0.60	0.90		4.32	
	RHS	15	0.60	0.90		8.10	
	2 nd cross from 5 th main LHS	16	0.60	0.90		8.64	
	RHS	10	0.60	0.90		5.40	
	5 th main RHS	25	0.60	0.90		13.50	
	1 st cross from 3 rd main L H S	9	0.60	0.90		4.86	
	RHS	12	0.60	0.90		6.48	
	2 nd cross from 3 rd main L H S	17	0.60	0.90		9.18	
	RHS	16	0.60	0.90		8.64	
	3 rd main LHS	18	0.60	0.90		9.72	
	RHS	12	0.60	0.90		6.48	
	5 th Cross	10	0.60	0.90		5.40	
	RHS	9	0.60	0.90		4.86	
	Near Govt School	15	0.60	0.90		8.10	
	Main Road corner of Govt School	15	0.60	0.90		8.10	
	5 th Main Corner	14	0.60	0.90		7.56	
	2 nd Cross from Manjunatha nagara	13	0.60	0.90		7.02	
	Anand House Road	26	0.60	0.90		14.04	
	4 th main	16	0.60	0.90		8.64	
	6 th main LHS	10	0.60	0.90		5.40	
				Present Quatity		311.28	Sqm
				Total Quantity		#REF!	Sqm

311.28

29/03/22

Assistant Engineer
Ward NO-14
BBMP Bangalore

29/03/22

Asst. Executive Engineer
Dasara halli Sub division
BBMP Bangalore

Scanned with CamScanner

Name of work :- Improvements to Roads and drains and other maintanance behind KSCMF Building and sorrounding Area in ward No 14 Bagalagunte

	Pre measurement recorded on:						
tem No	Discription of Item	No	Length	Bread th	Depth	Qty	Unit
7	Removing and Resetting of foot path slab						
	2 nd and Final						
	3rd Main RHS	1	18.00	0.90		16.20	
	5 th Cross	2	20.00	0.90		36.00	
	5 th Main RHS	1	63.00	0.90		56.70	
	Near Govt School	1	16.70	0.90		15.03	
	Main Road corner of Govt School Road	1	15.00	0.90		13.50	
	5 th Main Corner	1	17.00	0.90		15.30	
	2 nd Cross from Manjunatha nagara main Road	1	110.00	0.90		99.00	
	Anand house	1	80.00	0.90		72.00	
				Present Quantity		323.73	Sqm

18/02/22

Assistant Engineer
Ward NO-14
BBMP Bangalore

18/2/22

Assistant Executive Engineer
Dasarahalli Sub division
BBMP Bangalore

N. V.

Scanned with CamScanner

Name of work :- Improvements to Roads and drains and other maintanance behind KSCMF Building and sorrounding Area in ward No 14 Bagalagunte

	Pre measurement recorded on:						
Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
8	Providing ruled pointing to stone slabs pavements with cement mortar 1;3 20mm deep after racking the joints including cost of materials labour curing complete as per						
	Manjunatha nagara						
	3rd Main RHS	1	18.00	0.90		16.20	
	5 th Cross	2	20.00	0.90		36.00	
	5 th Main RHS	1	63.00	0.90		56.70	
	Near Govt School	1	16.70	0.90		15.03	
	Main Road corner of Govt School Road	1	15.00	0.90		13.50	
	5 th Main Corner	1	17.00	0.90		15.30	
	2 nd Cross from Manjunatha nagara	1	110.00	0.90		99.00	
	8 th main Manjunathanagara	1	80.00	0.90		72.00	
				Present Quantity		**323.73**	Sqm

29/03/22

Assistant Engineer
Ward NO-14
BBMP Bangalore

N. V

29/03/22

Asst. Executive Engineer
Dasarahalli Sub division
BBMP Bangalore

ಸಹಾಯಕ ಕಾರ್ಯ ನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಟಿ. ದಾಸರಹಳ್ಳಿ ಉಪ ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ. ಜಿ.ಜಿ.ಎಂ.ಪಿ
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Scanned with CamScanner

Name of work :- Improvements to Roads and drains and other maintanance behind KSCMF Building and sorrounding Area in ward No 14 Bagalagunte

Pre measurement recorded on:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
9	Providing and laying Pre Cast Drain Cover slabs of 250mm thick of mix M20 using graded granite jelly 20mm down size with steel reinforcement, including from work, lift charges, curing and concrete finished surfaces on both side etc. complete and as per drawing and direction of Engineer-in-charge of work						
	Culvert 1	1	6.15	1.20		7.38	
	Culvert 2	1	5.40	1.20		6.48	
	Culvert 3	1	5.20	1.20		6.24	
	Culvert 4	1	4.50	1.20		5.40	
	Culvert 5	1	6.50	1.20		7.80	
	Culvert 6	1	6.70	1.20		8.04	
	Culvert 7	1	4.40	1.20		5.28	
	Culvert 8	1	7.60	1.20		9.12	
	Culvert 9	1	5.50	1.20		6.60	
	Culvert 10	1	4.50	1.20		5.40	
		1	11.15	0.90		10.04	
						77.78	
				Payable Quantity		77.76	Sqm

29/03/22

Assistant Engineer
Ward NO-14
BBMP Bangalore

29/03/22

Assistant Executive Engineer
Dasarahalli Sub division
BBMP Bangalore

29/03/22

Scanned with CamScanner

Name of work :- Improvements to Roads and drains and other maintenance behind KSCMF Building and surrounding Area in ward No 14 Bagalagunte

Pre measurement recorded on:

Description of Item	No	Length	Breadth	Breadth	Depth	Qty	Unit
ASSOR MSW -1 Construction of dry lean cement concrete mix CC 1:5:10 with opc cement @160 kgs with 25mm and down size graded granite metal course aggregates at 0.86 cum and fine aggregates at 0.58 cum sub base over a prepared sub grade with course and fine aggregates conforming to IS 383 aggregates cement ratio not exceeding 1:5:1 aggregates content to be determined during trail length construction concrete strength not to be less than 10 Mpa at 7 including cost of material labour curing etc complete as per specification							
CC Road							
6 th Main							
Ch 0.00 to Ch107.00	1	15.00	5.80	5.40	5.60	0.15	12.60
	1	15.00	5.40	5.50	5.45	0.15	12.26
	1	15.00	5.50	4.00	4.75	0.15	10.69
	1	16.30	4.00	3.10	3.55	0.15	8.68
	1	13.70	3.80	3.95	3.88	0.15	7.96
	1	15.00	3.95	3.50	3.73	0.15	8.38
	1	17.00	3.50	3.00	3.25	0.15	8.29
Cross Road 1 RHS							
Ch 0.00 to Ch21.00	1	15.00	4.60	4.60	4.60	0.15	10.35
	1	6.10	4.60	4.70	4.65	0.15	4.25
Cross Road 2 LHS							
Ch 0.00 to Ch23.50	1	15.00	5.40	6.45	5.93	0.15	13.33
	1	8.50	6.45	5.50	5.98	0.15	7.62
Cross Road 3 LHS							
Ch 0.00 to Ch22.20	1	15.00	7.10	7.30	7.20	0.15	16.20
	1	7.20	7.30	7.50	7.40	0.15	7.99
Manjunatha nagara Colony							
Ch 0.00 to Ch32.00	1	15.00	2.80	2.80	2.80	0.10	4.20
	1	15.00	2.80	2.70	2.75	0.10	4.13
	1	2.00	2.70	2.70	2.70	0.10	0.54
10 th A Cross							
Ch 0.00 to Ch37.00	1	15.00	2.25	2.25	2.25	0.15	5.06
	1	15.00	2.25	2.25	2.25	0.15	5.06
	1	7.00	2.25	2.20	2.23	0.10	1.56
Deductions Steps	-4	1.20	1.00	1.00	1.00	0.15	-0.72
1 st cross 5 th main	1	12.20	3.25	3.25	3.25	0.15	5.95
Rama mandira Road							
Ch 0.00 to Ch39.50	1	15.00	4.20	4.50	4.35	0.10	6.53
	1	15.00	4.50	4.20	4.35	0.10	6.53
1 ST Cross Mahalakshmi nagara	1	9.50	4.20	4.00	4.10	0.15	5.84
Ch 0.00 to Ch41.00	1	15.00	4.50	4.20	4.35	0.15	9.79
	1	15.00	4.20	4.00	4.10	0.15	9.23
	1	11.00	4.00	4.00	4.00	0.15	6.60
					Total		198.89 Cum

23/03/22

Assistant Engineer
Ward NO-14
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Assistant Executive Engineer
Dasara halli Sub Division
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Name of work :- Improvements to Roads and drains and other maintanance behind KSCMF and sorrounding Area in ward No 14 Bagalagunte

Pre measurement recorded on:

Item No	Discription of Item	No	Length	B1	B2	Average	Depth	Qty
	pavement: Construction of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as clause 10512.2 design mix M20/M30, with 25mm and down size graded granite metal coarse aggregates and fine aggregates with super plasticizer @3lts confirming to IS9103-1999 Reaffirmed-2008 mixed in a concrete mixer of not less than 0.6cum capacity and appropriate weigh batcher as per approved mix design laid in approved fixed side from work steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades as per drawing complete as per specification.							
	CC Road							
	6 th Main Road							
	Ch 0.00 to Ch107.00	1	15.00	5.80	5.40	5.60	0.15	12.60
		1	15.00	5.40	5.50	5.45	0.15	12.26
		1	15.00	5.50	4.00	4.75	0.15	10.69
		1	16.30	4.00	3.10	3.55	0.15	8.68
		1	13.70	3.80	3.95	3.88	0.15	7.96
		1	15.00	3.95	3.50	3.73	0.15	8.38
		1	17.00	3.50	3.00	3.25	0.15	8.29
	Cross Road 1 LHS							
	Ch 0.00 to Ch21.00	1	15.00	4.60	4.60	4.60	0.15	10.35
		1	6.10	4.70	4.65	4.68	0.15	4.28
	Cross Road 2 LHS							
	Ch 0.00 to Ch23.50	1	15.00	6.45	5.92	6.19	0.15	13.92
		1	8.50	5.50	5.98	5.74	0.15	7.32
	Cross Road 3 LHS							
	Ch 0.00 to Ch22.20	1	15.00	7.30	7.20	7.25	0.15	16.31
		1	7.20	7.50	7.40	7.45	0.15	8.05
	Manjunatha nagara Colony							
	Ch 0.00 to Ch32.00	1	15.00	2.80	2.80	2.80	0.15	6.30
		1	15.00	2.70	2.75	2.73	0.15	6.13
		1	2.00	2.70	2.70	2.70	0.15	0.81
	10 th A Cross							

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Ch 0.00 to Ch37.00	1	15.00	2.25	2.25	2.25	0.15	5.06
	1	15.00	2.25	2.20	2.23	0.15	5.01
	1	7.00	2.20	2.20	2.20	0.15	2.31
Deductions Steps	-4	1.20	1.00	1.00	1.00	0.15	-0.72
1 st cross 5 th main	1	12.20	3.25	3.25	3.25	0.15	5.95
1 st Cross near SWD	1	9.80	4.50	4.35	4.43	0.15	6.50
Rama mandira Road							
Ch 0.00 to Ch39.50	1	15.00	4.20	4.35	4.28	0.15	9.62
	1	15.00	4.00	4.10	4.05	0.15	9.11
	1	9.50	4.20	4.35	4.28	0.15	6.09
1ST Cross Mahalakshmi nagara							
Ch 0.00 to Ch41.00	1	15.00	4.00	4.10	4.05	0.15	9.11
	1	15.00	4.00	4.00	4.00	0.15	9.00
	1	11.00	4.00	4.00	4.00	0.15	6.60
Near Govt School	1	16.70	2.40	2.40	2.40	0.15	6.01
Deduct	-1	16.70	1.20	1.20	1.20	0.15	-3.01
Near Ananda house	1	15.00	2.10	2.30	2.20	0.15	4.95
	1	12.00	2.30	2.20	2.25	0.15	4.05
For Ramp							
4 th Cross							
	1	30.00	0.30	0.30	0.30	0.10	0.90
RHS	1	30.00	0.30	0.30	0.30	0.10	0.90
	1	30.00	0.30	0.30	0.30	0.10	0.90
Ramp For Culvert							
Culvert 1	2	5.20	0.30	0.30	0.30	0.10	0.31
Culvert 2	2	5.40	0.30	0.30	0.30	0.10	0.32
Culvert 3	2	4.25	0.30	0.20	0.25	0.10	0.21
Culvert 4	2	4.50	0.30	0.20	0.25	0.10	0.23
Culvert 5	2	5.10	0.30	0.30	0.30	0.10	0.31
Culvert 7	2	4.40	0.30	0.30	0.30	0.10	0.26
Culvert 8	2	6.20	0.30	0.30	0.30	0.10	0.37
Culvert 9	2	5.50	0.30	0.20	0.25	0.10	0.28
Culvert 10	2	4.50	0.25	0.20	0.23	0.10	0.20
					Total		233.16

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Name of work :- Improvements to Roads and drains and other maintanance behind KSCMF Building and sorrounding Area in ward No 14 Bagalagunte

Pre measurement recorded on:						
Discription of Item	No	Length	Breadth	Depth	Qty	Unit
Cost of haulage excluding loading and unloading MORTH -100/ Chapter 1 Surface road ITEM No 17.4 KSRRB M 100-1 Loading and un loading of stone boulders /stone aggregates /sand/kankar/murram, KSRRB M 100-1 Placing Tipper at loading point loading with front end loader dumping turning for return trip excluding time for haulage and return Trip complete as per specification						
Manjunatha nagara						
2nd and Final						
Quantity Vide item No 1+2					1107.16	Cum

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Name of work :- Improvements to Roads and drains and other maintanance behind KSCMF Building and sorrounding Area in ward No 14 Bagalagunte

Item No	Pre measurement recorded on: Discription of Item	No	Length	Breadth	Depth	Qty	Unit
13	Filling in foundation with granite/trap broken metal 100 mm and down size with approved sand including hand packing ramming watering including cost of all materials and labour with all lead up to 50 mtr and lift up to 1.50 mtr complete as per specification 40 mm jelly and with all lead and lift						
		1	0.31		0.40	0.12	
		1	0.31		0.40	0.12	
		1	0.31		0.40	0.12	
		1	0.31		0.40	0.12	
		1	0.31		0.40	0.12	
		1	0.31		0.40	0.12	
		1	0.31		0.40	0.12	
					0.40	0.12	
						0.87	
				Payable Quantity		**0.87**	**Cum**

29/03/22

Assistant Engineer
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29/03/22

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ne of work :- Improvements to Roads and drains and other maintanance nd KSCMF Building and sorrounding Area in ward No 14 Bagalagunte

e measurement recorded on:

Discription of Item	No	Length	Breadth	Depth	Qty	Unit
lling in foundation with granite/trap broken metal 100 mm and down size with pproved sand including hand packing ramming watering including cost of all aterials and labour with all lead up to 50 mtr and lift up to 1.50 mtr complete as per ecification 20 mm jelly and with all lead and lift						
	1	0.31		0.40	0.12	
	1	0.31		0.40	0.12	
	1	0.31		0.40	0.12	
	1	0.31		0.40	0.12	
	1	0.31		0.40	0.12	
	1	0.31		0.40	0.12	
	1	0.31		0.40	0.12	
					0.87	
			Payable Quantity		0.87	Cum

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29/03/22

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Dasarahalli Sub division
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N. V.

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Name of work :- Improvements to Roads and drains and other maintanance behind KSCMF Building and sorrounding Area in ward No 14 Bagalagunte

Item No	Pre measurement recorded on: / Discription of Item	No	Length	Breadth	Depth	Qty	Unit
15	Filling in foundation with granite/trap broken metal 100 mm and down size with approved sand including hand packing ramming watering including cost of all materials and labour with all lead up to 50 mtr and lift up to 1.50 mtr complete as per specification Course Sand and with all lead and lift						
		1	0.31		0.30	0.09	
		1	0.31		0.30	0.09	
		1	0.31		0.30	0.09	
		1	0.31		0.30	0.09	
		1	0.31		0.30	0.09	
		1	0.31		0.30	0.09	
		1	0.31		0.30	0.09	
						0.65	
				Payable Quantity		**0.65**	Cum

29/03/22

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Dasara halli Sub division
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N. V

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Name of work :- Improvements to Roads and drains and other maintanance behind KSCMF Building and sorrounding Area in ward No 14 Bagalagunte

Pre measurement recorded on:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
16	Filling in foundation with granite/trap broken metal 100 mm and down size with approved sand including hand packing ramming watering including cost of all materials and labour with all lead up to 50 mtr and lift up to 1.50 mtr complete as per specification Fine Sand and with						
		1	0.31		0.20	0.06	
		1	0.31		0.20	0.06	
		1	0.31		0.20	0.06	
		1	0.31		0.20	0.06	
		1	0.31		0.20	0.06	
		1	0.31		0.20	0.06	
		1	0.31		0.20	0.06	
						0.43	
				Payable Quantity		**0.43**	**Cum**

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...ments to Roads and ... Area in ward No 14 Bag...

Name of work :- Improvements to Roads and drains and other maintanance behind KSCMF Building and sorrounding Area in ward No 14 Bagalagunte

Pre measurement recorded on:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
17	Filling in foundation with granite/trap broken metal 100 mm and down size with approved sand including hand packing ramming watering including cost of all materials and labour with all lead up to 50 mtr and lift up to 1.50 mtr complete as per specification 12.5 mm chips and						
		1	0.31		0.30	0.09	
		1	0.31		0.30	0.09	
		1	0.31		0.30	0.09	
		1	0.31		0.30	0.09	
		1	0.31		0.30	0.09	
		1	0.31		0.30	0.09	
		1	0.31		0.30	0.09	
						0.65	
				Payable Quantity		0.65	Cum

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...nts to Roads and drains ... Area in ward No 14 Bagalagunte

Name of work :- Improvements to Roads and drains and other maintanance behind KSCMF Building and sorrounding Area in ward No 14 Bagalagunte

Pre measurement recorded on:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
18	Supplying and laying and jointing HDPE Pipe of specified grade and conforming to IS 4984 -995 with latest amendments and conveying to work site including and and unloading at both destinations and rolling and lowering in to trenches laying true to line and jointing of pipe and specials giving hydraulic testi as per relevent ISS with all lead and lifts etc complete as per specifications						
		1	1.80			1.80	
		1	1.80			1.80	
		1	1.80			1.80	
		1	1.80			1.80	
		1	1.80			1.80	
		1	1.80			1.80	
		1	1.80			1.80	
						12.60	Mtr
				Payable Quantity		**12.60**	**Mtr**

29/03/22

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29/03/22

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...d No 14 Bagalagunte

Name of work :- Improvements to Roads and drains and other maintanance behind KSCMF Building and sorrounding Area in ward No 14 Bagalagunte

Pre measurement recorded on:

Discription of Item	No	Length	Breadth	Depth	Qty	Unit
Providing Geonets for Rainwater harvesting pit on top of the filter media as specified in drawings or bas approved by Engineer incharge and Complete the work						
	1	0.31			0.31	
	1	0.31			0.31	
	1	0.31			0.31	
	1	0.31			0.31	
	1	0.31			0.31	
	1	0.31			0.31	
	1	0.31			0.31	
					0.31	
					2.17	Sqm
			Payable Quantity		2.17	Sqm

29/03/22

Assistant Engineer
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28/3/22

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